



## DoD Numbers for Traumatic Brain Injury Worldwide – Totals

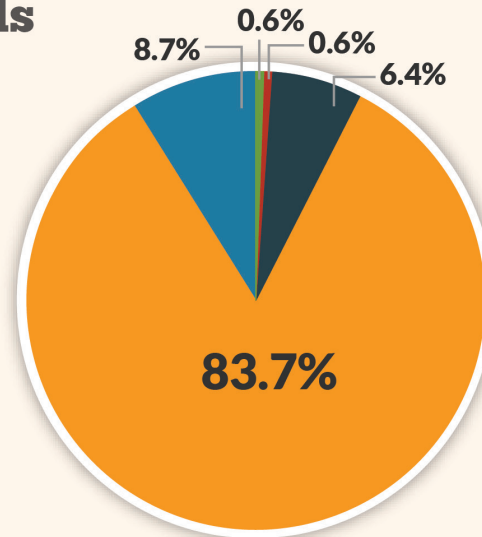
2013

Penetrating	155
Severe	162
Moderate	1,751
Mild	22,764
Not Classifiable	2,355

**Total - All Severities** 27,187

Source: Defense Medical Surveillance System (DMSS),  
Theater Medical Data Store (TMDS) provided by the  
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



2013, as of May 7, 2014

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

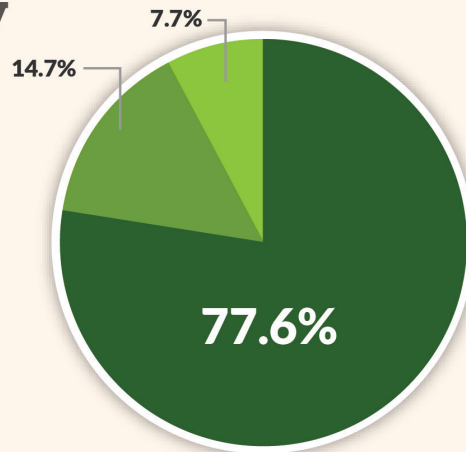


## DoD Numbers for Traumatic Brain Injury Worldwide – Army

**2013**

Active	12,952
Guard	2,451
Reserve	1,279

**Total - Army 16,682**



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2013, as of May 7, 2014

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	74
		Severe	82
		Moderate	851
		Mild	10,453
		Not Classifiable	1,492
	Guard	Penetrating	14
		Severe	13
		Moderate	153
		Mild	2,067
		Not Classifiable	204
	Reserve	Penetrating	4
		Severe	7
		Moderate	63
		Mild	1,035
		Not Classifiable	170

2013 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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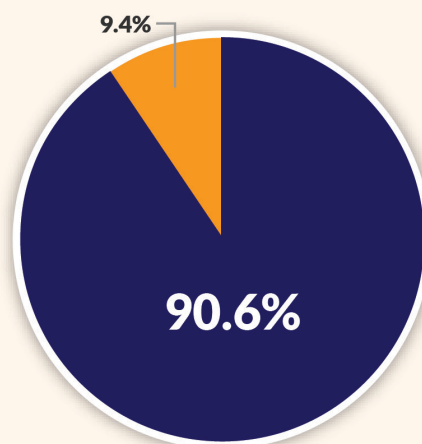
## DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2013

Active	2,952
Reserve	307

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<b>Total - Navy</b>	<b>3,259</b>
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2013, as of May 7, 2014

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	20
		Severe	13
		Moderate	185
		Mild	2,620
		Not Classifiable	114
	Reserve	Penetrating	0
		Severe	1
		Moderate	20
		Mild	278
		Not Classifiable	8

2013 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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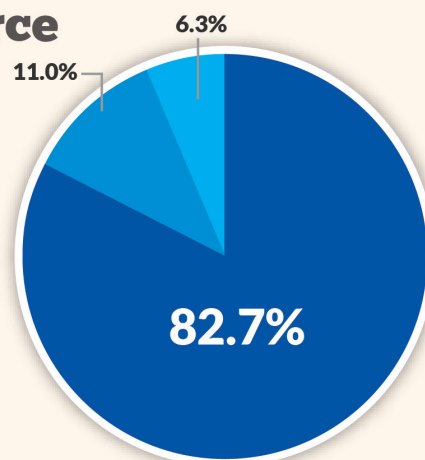
## DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2013

Active	2,979
Guard	396
Reserve	228

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**Total - Air Force** **3,603**



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2013, as of May 7, 2014

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	18
		Severe	20
		Moderate	190
		Mild	2,643
		Not Classifiable	108
	Guard	Penetrating	3
		Severe	2
		Moderate	23
		Mild	345
		Not Classifiable	23
	Reserve	Penetrating	0
		Severe	0
		Moderate	10
		Mild	209
		Not Classifiable	9

2013 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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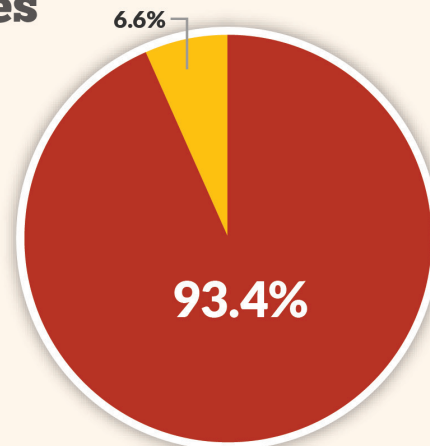
## DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2013

Active	3,404
Reserve	239

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<b>Total - Marines</b>	<b>3,643</b>
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2013, as of May 7, 2014

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	20
		Severe	23
		Moderate	242
		Mild	2,898
		Not Classifiable	221
	Reserve	Penetrating	2
		Severe	1
		Moderate	14
		Mild	216
		Not Classifiable	6

2013 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),  
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